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This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims**

- 1. (original) A multipackage module having a second package stacked over a first package, each said package comprising a die attached to a <u>first side of a</u> substrate, the second package substrate and the first package substrate being interconnected by wire bonding, wherein the first package <u>further</u> comprises a ball grid array package solder balls connected to bonding pads at a second side of the first package substrate.
- 2. (original) The multipackage module of claim 1 wherein at least one said package has wire bond interconnect of the die with the substrate, and the said wire bonded package is at least partly encapsulated.
- 3. (original) The multipackage module of claim 1 wherein the second package has wire bond interconnect of the die with the substrate.
- 4. (original) The multipackage module of claim 3 wherein the second package is fully encapsulated.
- 5. (original) The multipackage module of claim 3 wherein the second package is encapsulated to an extent sufficient to protect wire bonds between the die and the substrate.
- 6. (original) The multipackage module of claim 1 wherein the second package is a land grid array package.
- 7. (previously presented) The multipackage module of claim 6 wherein the land grid array package substrate is a single-metal layer substrate.
- 8. (original) The multipackage module of claim 1, further comprising a heat spreader having a generally planar upper surface exposed at the top of the module.

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- 9. (original) The multipackage module of claim 8 wherein a planar part of the heat spreader is supported by support members over the first package substrate.
- 10. (original) The multipackage module of claim 8 wherein a planar part of the heat spreader is affixed onto an upper surface of the second package.
- 11. (original) The multipackage module of claim 1, further comprising an electromagnetic shield for at least one of the packages.
- 12. (original) The multipackage module of claim 1, further comprising an electromagnetic shield for the first package.
- 13. (original) The multipackage module of claim 12 wherein the second package is affixed onto an upper surface of the electromagnetic shield.
- 14. (withdrawn) A method for making a multipackage module, comprising providing a BGΛ first package comprising a first package substrate, providing a second package comprising a second package substrate, stacking the second package over the first package, and electrically interconnecting the first and second package by wire bonds connecting the first and second substrates.
- 15. (withdrawn) The method of claim 14, said BGA first package being a molded package, the molding having a generally planar upper surface, wherein stacking the second package over the first package comprises applying an adhesive onto the molding upper surface and placing the second package onto the adhesive.
- 16. (withdrawn) The method of claim 15 wherein the adhesive is a curable adhesive, and further comprising curing the adhesive.
- 17. (withdrawn) The method of claim 14 wherein providing the BGA first package comprises providing an unsingulated strip of BGA packages.

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- 18. (withdrawn) The method of claim 14 where providing the BGA first package comprises testing BGA packages for a performance and reliability requirement and identifying the said first package as meeting the requirement.
- 19. (withdrawn) The method of claim 14 where providing the second package comprises testing packages for a performance and reliability requirement and identifying the said second package as meeting the requirement.
- 20. (withdrawn) The method of claim 14, further comprising attaching second-level interconnect malls onto the BGA first package substrate,
- 21. (withdrawn) The method of claim 14, further comprising encapsulating the stacked packages in a multipackage module molding.
- 22. (withdrawn) The method of claim 14, further comprising singulating the modules.
- 23. (withdrawn) The method of claim 14 wherein providing the second package comprises providing a land grid array package.
- 24. (withdrawn) The method of claim 14 wherein providing the second package comprises providing a land grid array package, the land grid array package being at least partially molded.
- 25. (withdrawn) The method of claim 24, the land grid array package being fully molded.
- 26. (withdrawn) The method of claim 24, the wire bonds of the land grid array package being molded, and at least a portion of the upper surface of an upper die being exposed.
- 27. (withdrawn) The method of claim 14 wherein the BGA first package is provided with an electromagnetic shield affixed over the dic.

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- 28. (withdrawn) The method of claim 27, the shield having a generally planar upper surface, wherein stacking the second package over the first package comprises applying an adhesive onto the shield upper surface and placing the second package onto the adhesive.
- 29. (withdrawn) The method of claim 28 wherein the adhesive is a curable adhesive, and further comprising curing the adhesive.
- 30. (withdrawn) The method of claim 14, further comprising providing a heat spreader.
- 31. (withdrawn) The method of claim 30, wherein providing a heat spreader comprises carrying out a drop-in mold operation, the heat spreader being placed into a mold prior to forming a module molding.
- 32. (withdrawn) The method of claim 30, wherein providing a heat spreader comprises affixing a generally planar portion of a heat spreader onto a generally planar upper surface of the second package.